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August 6, 2004**FAX TRANSMISSION COVER SHEET****To:****Telephone:****Fax Number:**

**Attn.: Missing Parts
United States Patent & Trademark
Office**

(703) 746-4060

From: Nan Wu
415-836-2531

Client-Matter Number: 2501331-995303

Re: U.S. Application No. 10/808,880
Filing Date: March 24, 2004
Group Art Unit: 1614
Conf. No. 7468

Pages: - 17 - (including this form) **Originals:** ☐ will be mailed ☐ will not be mailed

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Fax Operator/Ext.

Message:

Please see attached response for filing.

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(Form Rev. 6/5/00)

Gray Cary/SF\3103343.1
2501331-995303



PTO/SB/21 (08-03)
Approved for use through 07/31/2006. OMB 0851-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/808,880	
	Filing Date	March 24, 2004	
	First Named Inventor	Steven M. Watkins	
	Art Unit	1614	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	16	Attorney Docket Number	2501331-995303

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Copy of original notice 2. Assignment document (w/ PTO-1595 form) 3. Facsimile Certificate
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Attn.: Nan Wu (Reg. No. 43,360) Gray Cary Ware & Freidenrich LLP 153 Townsend Street, Suite 800, San Francisco, CA 94107		
Signature			
Date	8/6/04		

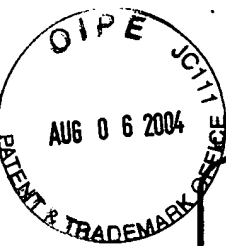
CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the

Typed or printed name	Ta-Tanisha L. Moore		
Signature		Date	8/6/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-03)
Approved for use through 07/31/2008. OMB 0851-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) \$105.00

Complete if Known

Application Number 10/808,880
Filing Date March 24, 2004
First Named Inventor Steven M. Watkins
Examiner Name Unknown
Art Unit 1614
Attorney Docket No. 2501331-995303

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:
Deposit Account Number 07-1896
Deposit Account Name Gray Cary Ware & Freidenrich

The Director is authorized to: (check all that apply)
☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) or any underpayment of fee(s)
☐ Charge fee(s) indicated below, except for the filing fee in the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)			

2. EXTRA CLAIM FEES FOR UTILITY AND

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)			\$0.00

*or number previously paid, if greater. For Reissues, see above.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	65.00
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 130	Non - English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or, reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Patitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR § 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Statement	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40.00
1809 770	2809 385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) \$105.00

SUBMITTED BY

Name (Print/Type)

San Yu

Registration No.
(Attorney/Agent)

43,360

Telephone

(415) 836-2500

Signature

Date


8/6/04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Response To Notice To File Missing Parts Of Application Filing Date Granted (PTO-1533)(Small Entity)			Docket No. 2501331-995303
In Re Application Of: Steven M. Watkins			
Serial No. 10/808,880	Filing Date March 24, 2004	Examiner Unknown	Group Art Unit 1614
Invention: METHODS OF USING QUANTITATIVE LIPID METABOLOME DATA			



Mail Stop Missing Parts
TO THE COMMISSIONER FOR PATENTS:

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on
June 7, 2004
Date



Enclosed herewith for filing are the following:

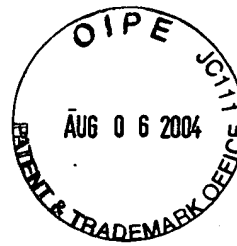
- ☒ A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). (REQUIRED)
- ☒ An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- ☐ A properly signed oath or declaration in compliance with 37 CFR 1.63.
- ☐ An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- ☐ A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- ☐ _____ verified small entity declaration(s)
 - ☐ is/are attached.
 - ☐ was/were filed on _____
- ☐ A separate request for refund.
- ☒ Other (list):

1. Assignment Document (w/ PTO-1595 Form)
 2. Revocation of Power of Attorney and Appointment of New Power of Attorney
 3. Fee Transmittal
 4. Transmittal Form
 5. Certificate of Transmission by Facsimile

Response To Notice To File Missing Parts Of Application Filing Date Granted (PTO-1533)(Small Entity).			Docket No. 2501331-995303
In Re Application Of: Steven M. Watkins			
Serial No. 10/808,880	Filing Date March 24, 2004	Examiner Unknown	Group Art Unit 1614
Invention: METHODS OF USING QUANTITATIVE LIPID METABOLOME DATA			
<u>TO THE COMMISSIONER FOR PATENTS:</u> <u>Mail Stop Missing Parts</u>			
<input checked="" type="checkbox"/> Completion of application fees as calculated below:			
<input type="checkbox"/> Utility application filing fee			
<input type="checkbox"/> Design application filing fee			
<input type="checkbox"/> Total number of independent claims = _____			
<input type="checkbox"/> Total number of claims = _____			
<input type="checkbox"/> Multiple dependent claims			
<input checked="" type="checkbox"/> Surcharge for late payment of filing fee and/or late filing of original declaration or oath			\$65.00
<input type="checkbox"/> Petition and fee for filing by other than all the inventors or a person not the inventor			
<input type="checkbox"/> Fee for processing an application filed with a non-English language specification			
<input type="checkbox"/> Fee for processing and retention of application			
Total completion of application fees			\$65.00
This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.			
<input type="checkbox"/> One month <input type="checkbox"/> Two months <input type="checkbox"/> Three months <input type="checkbox"/> Four months <input type="checkbox"/> Five months			
from: _____ <div style="text-align: center; font-size: small;">Date</div>		until: _____ <div style="text-align: center; font-size: small;">Date</div>	
Total time extension fees			
Total fees due			\$65.00



Response To Notice To File Missing Parts Of Application Filing Date Granted (PTO-1533) (Small Entity)			Docket No. 2501331-995303
In Re Application Of: Steven M. Watkins			
Serial No. 10/808,880	Filing Date March 24, 2004	Examiner Unknown	Group Art Unit 1614
Invention: METHODS OF USING QUANTITATIVE LIPID METABOLOME DATA			
<p><u>TO THE COMMISSIONER FOR PATENTS:</u></p> <p><u>Mail Stop Missing Parts</u></p>			
			
The fee of \$105.00 is to be paid as follows:			
<input type="checkbox"/> A check in the amount of the fee is enclosed.			
<input checked="" type="checkbox"/> The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 07-1896.			
<input checked="" type="checkbox"/> If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. 07-1896.			
 _____ <i>Signature</i>		Dated: <i>August 6, 2004</i>	
Nan Wu (Reg. No. 43,360) Gray Cary Ware & Freidenrich LLP 153 Townsend Street, Suite 800 San Francisco, CA 94107		<p>I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <p style="text-align: center;">_____ <i>Signature of Person Mailing Correspondence</i></p> <p style="text-align: center;">See attached facsimile certificate</p> <p style="text-align: center;">_____ <i>Typed or Printed Name of Person Mailing Correspondence</i></p>	
CC:			



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/808,880	03/24/2004	Steven M. Watkins	6556-68013

CONFIRMATION NO. 7468

FORMALITIES LETTER



OC000000012880481

Nan Wu, Ph.D., J.D.
 Gray Cary Ware & Freidenrich LLP
 Suite 800
 153 Townsend Street
 San Francisco, CA 94107

Date Mailed: 06/07/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$65 for a Small Entity

- \$65 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
 Commissioner for Patents

08/10/2004 MBELETE1 00000056 071896 10808880

P.O. Box 1450

01 FC:2051 65.00 DA

Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

John Ware

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE